

To Zanzibar by Motor Car

by Arya Akhavan (October 2012)

Angles for R.I. = 1.830

56 + 15 girdles = 71 facets

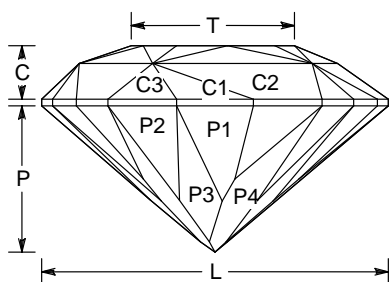
5-fold, mirror-image symmetry

80 index

L/W = 1.018 T/W = 0.479 U/W = 0.479

P/W = 0.430 C/W = 0.157

Vol./W³ = 0.199



PAVILION

P1	43.72°	80-16-32-48-64	Cut to centerpoint.
P2	43.00°	02-14-18-30-34- 46-50-62-66-78	Meet at culet.
G1	90.00°	80-16-32-48-64	Set stone size.
G2	90.00°	02-14-18-30-34- 46-50-62-66-78	Level girdle.
P3	42.80°	01-17-33-49-65	Meet P1, P2, G1, G2
P4	41.00°	13-29-45-61-77	Meet P1, P2, G1, G2

CROWN

C1	45.00°	80-16-32-48-64	Set girdle width.
C2	35.00°	02-18-34-50-66	Level girdle.
C3	48.56°	14-30-46-62-78	Level girdle.
C4	30.00°	02-18-34-50-66	Meet C1, C2, C3
C5	20.00°	05-15-21-31-37- 47-53-63-69-79	Meet C1, C2, C3, C4
T	0.00°	Table	Meet C4, C5

After a long time of being seriously confused by facial nerves, someone finally mentioend this mnemonic to me. I was so pissed off at the time that I had wasted, that I decided to take a break and write a new design. I prefer it in yellow YAG, but works in materials from petalite to rutile (RI = 1.50 - 2.62) with no changes.

Suggested size = 6-10 mm

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